

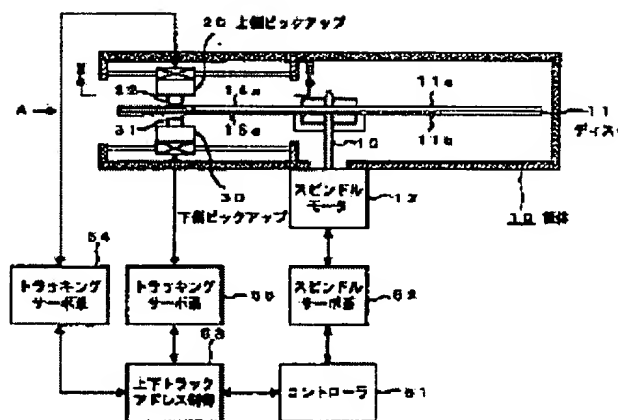
OPTICAL DISK DEVICE

Patent number: JP11007669
Publication date: 1999-01-12
Inventor: YAMAUCHI HIROSHI; WACHI SHIGEAKI
Applicant: SONY CORP
Classification:
- international: G11B11/10; G11B11/00; (IPC1-7): G11B11/10
- european:
Application number: JP19970161427 19970618
Priority number(s): JP19970161427 19970618

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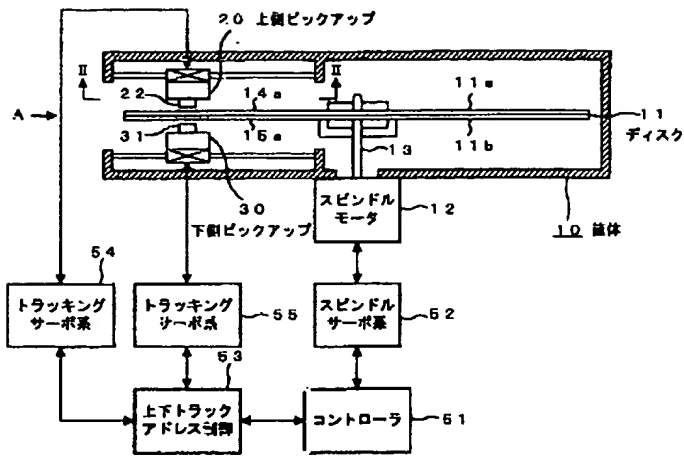
Abstract of JP11007669

PROBLEM TO BE SOLVED: To miniaturize an optical disk device capable of performing both-surface recording or both-surface reproducing by simplifying its structure. **SOLUTION:** A first pickup 20 having at least a laser light source arranged oppositely to one surface 11a of a loaded optical disk 11 is disposed so as to be freely slid in the radial direction of the optical disk, and a second pickup 30 having a magnetic field generating coil and a laser light source unitedly arranged oppositely to the other surface 11b of the optical disk 11 is disposed in a position opposite the first pickup 20 holding the optical disk 11 therebetween so as to be freely slid in the radial direction of the optical disk 11. Recording in a track formed in one surface 11a of the optical disk 11 is performed by generating a specified magnetic field with the magnetic field generating coil of the second pickup 30 while irradiating a desired track with a laser light from the laser light source of the first pickup 20.



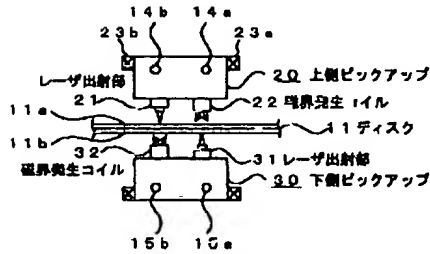
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【図1】



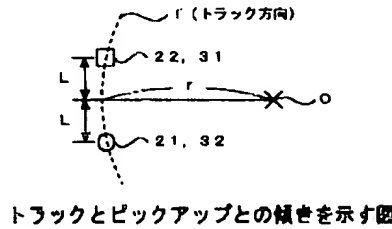
ピックアップの配置と制御機構

【図3】



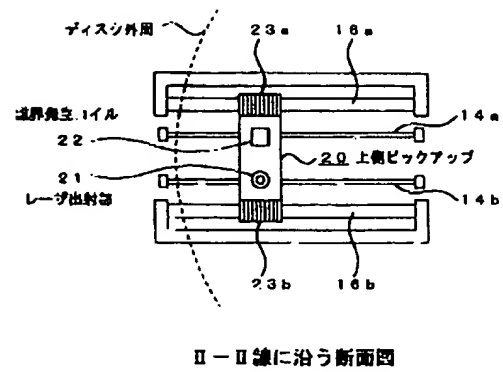
A方向から見た図

【図4】



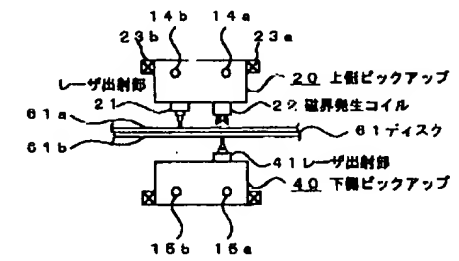
トラックとピックアップとの傾きを示す図

【図2】



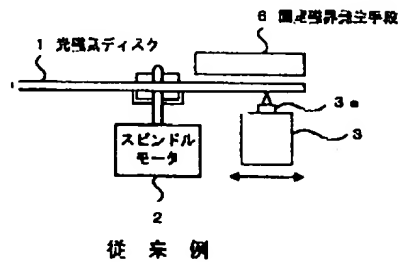
II-II線に沿う断面図

【図5】



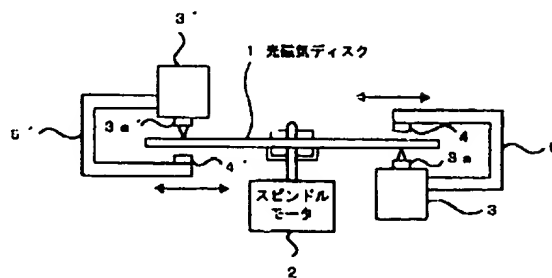
ピックアップの配置

【図7】



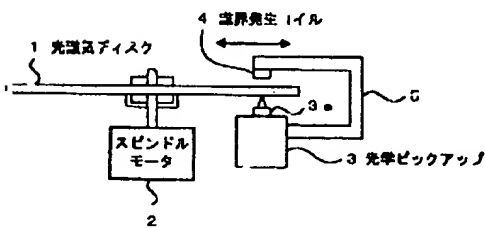
従来例

【図8】



従来例

【図6】



従来例